NIST Traceable Neutral Density Validation Filter Set

Checking photometric accuracy is an important task in maintaining confidence in optical measurement systems. Traceable neutral density validation filters are used to ensure absorbance and/or transmission measurements at specific wavelengths in instrumentation such as spectrophotometers and online photometers are accurate and reliable.

Benefits

- NIST traceable
- Resilient Inconel coatings
- Housed in holders for instant insertion into standard 10mm OPL cuvette ports
- Data point spacing is one nanometer across calibration range
- 3 filter values plus blank included
- Protective case
- Validate both offline and online instrumentation with the same standard

Typical Applications

- Benchtop spectrophotometer validation and calibration
- Online photometer validation and calibration
- Instrument maintenance
- Process verification steps

General Specifications

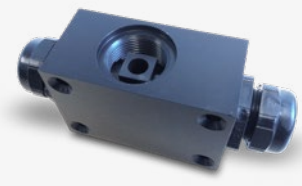
Material		Inconel on optical glass
Cuvette Size		12.5 x 12.5 mm (std 10 mm OPL cuvette footprint)
Absorbance values		Nominal 0.3, 0.5, 1.0 (~ 50%, 30%, 10% T) *
Blank Included?		Yes
Calibration Data Format		MS Excel Spreadsheet
Scan Range **	**UV Set**	250 – 1100 nm
	VIS Set	400 – 1100 nm
Recommended recertification period		1 year

* Other filter values available

** Other scan ranges available

Related Equipment and Accessories

Kemtrak DCP007 Inline Photometer with Validation Accessory



Standalone Fiber Optic Couple Cuvette Holder